Attorney's Docat No.: 06275-283US1 / Z70673

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Derek Shaw et al.

: 3763 Art Unit

Serial No. : 09/936,859

Examiner: Kevin C. Sirmons

Filed

: November 15, 2001

Title

: AUTOMATICALLY OPERABLE SAFETY SHIELD SYSTEM FOR SYRINGES

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

## INFORMATION DISCLOSURE STATEMENT

Attached are two forms PTO-1449. One (listing references AA to AAAAA, ADDDD to ANNIN, and APPPP on four pages) is identical to the Form PTO-1449 that was originally filed on July 22, 2003, in this application, except that three of the citations have been crossed out by Applicants as containing typographical errors. Applicants never received an initialled copy of the originally filed Form PTO-1449, so are resubmitting it at this time. The second Form PTO-1449 (listing references BA to BF on one page) includes correct citations for the three that were crossed out (BB, BE, BF), plus citations of three additional references not previously cited (BA, BB, BD). Copies of all 94 references, including an IPEA Report for a corresponding PCT application, are enclosed.

This filing is being made with a Request for Continued Examination, so no fee is required.

Respectfully submitted,

Janis K. Fraser, Ph.D.,

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## CERTIFICATE OF DELIVERY BY HAND

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Signature

Typed or Printed Name of Person Signing Certificate

| •                                   |  |                                       | Sheet I of I               | _ |
|-------------------------------------|--|---------------------------------------|----------------------------|---|
| Substitute Form PTO-1449 (Modified) | U.S. Department of Commerce<br>Patent and Trademark Office | Attorney's Docket No.<br>06275-283US1 | Application No. 09/936,859 |   |
| (Use several sheets if necessary)   |  | Applicant Derek Shaw et al.           |                            |   |
|                                     |  | Filing Date November 15, 2001         | Group Art Unit             |   |
| (37 CFR 61.98(b))                   |  |                                       |                            |   |

| Examiner Initial | Desig. | Document<br>Number | Publication<br>Date | ent Documents Patentee | Class | Subclass | Filing Date If Appropriate |
|------------------|--------|--------------------|---------------------|------------------------|-------|----------|----------------------------|
| muar             | BA     | 4,969,877          | 11/13/1990          | Komberg                | 604   | 195      |                            |
|                  | BB     | 5,059,180          | 10/22/1991          | McLees                 | 604   | 110      |                            |
|                  | BC     | 5,201,720          | 04/13/1993          | Borgia et al.          | 604   | 198      | L                          |
|                  | BD     | 5,242,416          | 09/07/1993          | Hutson                 | 604   | 192      |                            |
|                  | BE     | 5,492,536          | 02/20/1996          | Mascia                 | 604   | 197      |                            |
|                  | BF     | 5,531,706          | 07/02/1996          | de la Fuente           | 604   | 198      |                            |

|                     | Foreign      | n Patent Doc       | uments or P         | ublished Foreign P          | atent A  | pplication | 1 <b>5</b><br>Transl | lation |
|---------------------|--------------|--------------------|---------------------|-----------------------------|----------|------------|----------------------|--------|
| Examiner<br>Initial | Desig.<br>ID | Document<br>Number | Publication<br>Date | Country or<br>Patent Office | Class    | Subclass   | Yes                  | No.    |
|                     |              |                    |                     |                             | <u> </u> |            |                      |        |

|                     | Other D      | ocuments (include Author, Title, Date, and Place of Publication) |
|---------------------|--------------|--|
| Examiner<br>Initial | Desig.<br>ID | Document   |
|                     |              |  |

| Examiner Signature  | Date Considered  |
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| EVALUATED: Initials citation considered. Draw line through citation if no | ot in conformance and not considered. Include copy of this form with |

EXAMINER: Initials citation consinext communication to applicant. Substitute Disclosure Form (PTO-1449)

|  |                               | $\sim$                           | Sheet <u>1</u> of <u>4</u> |  |
|--|-------------------------------|----------------------------------|----------------------------|--|
| Substitute Form PTO-1449 U.S. Department of Commerce (Modified) Attorney's Docket No. Patent and Trademark Office 06275-283US1 |                               |                                  | Application No. 09/936,859 |  |
| by Ar  | closure Statement<br>oplicant | Applicant Derek Shaw et al.      |                            |  |
| (OSE SEVERAL ST<br>(37 CFR §1.98(b))   | eets if necessary)            | Filing Date<br>November 15, 2001 | Group Art Unit<br>3763     |  |

|                     | U.S. Patent Documents |                    |                     |                 |       |          |                                       |
|---------------------|-----------------------|--------------------|---------------------|-----------------|-------|----------|---------------------------------------|
| Examiner<br>Initial | Desig.<br>ID          | Document<br>Number | Publication<br>Date | Patentee        | Class | Subclass | Filing Date If Appropriate            |
| · .                 | AA                    | 2,571,653          | 10/16/1951          | Bastien         | 128   | 218      | repropriote                           |
|                     | AB                    | 2,845,065          | 07/29/1958          | Gabriel         | 128   | 215      |                                       |
|                     | AÇ                    | 3,377,989          | 04/16/1968          | Sandhage et al. | 119   | 1        |                                       |
|                     | AD                    | 3,780,734          | 12/25/1973          | Wulff           | 128   | 218      |                                       |
| ***                 | AE                    | 3,890,971          | 06/24/1975          | Leeson et al.   | 128   | 218      |                                       |
|                     | AF                    | 4,170,933          | 10/16/1979          | Meamber         | 99    | 349      |                                       |
|                     | AG                    | 4,356,822          | 11/02/1982          | Winstead-Hall   | 128   | 215      |                                       |
|                     | AH                    | 4,373,526          | 02/15/1983          | Kling           | 128   | 215      |                                       |
|                     | AI                    | 4,416,663          | 11/22/1983          | Hall            | 604   | 163      | · · · · · · · · · · · · · · · · · · · |
|                     | AJ                    | 4,425,120          | 01/10/1984          | Sampson et al.  | 604   | 198      | ·                                     |
| _                   | AK                    | 4,631,057          | 12/23/1986          | Mitchell        | 604   | 198      |                                       |
|                     | AL                    | 4,737,144          | 04/12/1988          | Choksi          | 604   | 198      |                                       |
|                     | AM                    | 4,795,432          | 01/03/1989          | Karczmer        | 604   | 110      |                                       |
|                     | AN                    | 4,813,940          | 03/21/1989          | Ратту           | 604   | 198      |                                       |
|                     | AO                    | 4,850,968          | 07/25/1989          | Romano          | 604   | 110      |                                       |
|                     | AP                    | 4,850,977          | 07/25/1989          | Bayless         | 604   | 198      | ·                                     |
|                     | AQ                    | 4,863,434          | 09/05/1989          | Bayless         | 604   | 198      |                                       |
|                     | AR                    | 4,894,055          | 01/16/1990          | Sudnak          | 604   | 198      |                                       |
|                     | AS                    | 4,900,311          | 02/13/1990          | Stern et al.    | 604   | 198      | · · · · · · · · · · · · · · · · · · · |
|                     | ΑŤ                    | 4,911,693          | 03/27/1990          | Paris           | 604   | 192      | ·                                     |
|                     | AU                    | 4,929,237          | 05/29/1990          | Medway          | 604   | 198      | -                                     |
|                     | AV                    | 4,932,940          | 06/12/1990          | Walker et al.   | 604   | 110      |                                       |
|                     | AW                    | 4,932,947          | 06/12/1990          | Cardwell        | 604   | 198      |                                       |
|                     | AX                    | 4,936,830          | 06/26/1990          | Verlier         | 604   | 110      | · · · · · · · · · · · · · · · · · · · |
|                     | AY                    | 4,946,446          | 08/07/1990          | Vadher          | 604   | 198      |                                       |
|                     | AZ                    | 4,966,592          | 10/30/1990          | Burns et al.    | 604   | 198      |                                       |
|                     | AAA                   | 4,985,021          | 01/15/1991          | Straw et al.    | 604   | 198      |                                       |

| Examiner Signature  | Date Considered  |
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Sheet <u>2</u> of <u>4</u>

| Substitute Form PTO-1449 (Modified)   | U.S. Department of Commerce<br>Patent and Trademark Office | Attorney's Docket No. 06275-283US1 | Application No.<br>09/936,859 |
|---|--|------------------------------------|-------------------------------|
| Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b)) |  | Applicant Derek Shaw et al.        |                               |
|   |  | Filing Date<br>November 15, 2001   | Group Art Unit<br>3763        |

| U.S. Patent Documents                 |                |                    |                     |                     |       |          |                            |
|---------------------------------------|----------------|--------------------|---------------------|---------------------|-------|----------|----------------------------|
| Examiner                              | Desig.<br>. ID | Document<br>Number | Publication<br>Date | Patentee            | Class | Subclass | Filing Date If Appropriate |
| Initial                               | ABB            | 5,019,051          | 05/28/1991          | Hake                | 604   | 198      | II Appropriate             |
| <u> </u>                              |                | 5,059,180          | 10/22/1992          | McLees              | 604   | 110      |                            |
|                                       | ADD            | 5,061,251          | 10/29/1991          | Juhasz              | 604   | 198      |                            |
| -                                     | AEE            | 5,057,086          | 10/15/1991          | Dillard, III et al. | 604   | 195      |                            |
|                                       | AFF            | 5,106,379          | 04/21/1992          | Leap                | 604   | 198      |                            |
|                                       | AGG            | 5,116,326          | 05/26/1992          | Schmidt             | 604   | 198      |                            |
|                                       | АНН            | 5,147,303          | 09/15/1992          | Martin              | 604   | 110      |                            |
|                                       | AII            | 5,163,918          | 11/17/1992          | Righi et al.        | 604   | 198      |                            |
|                                       | AJJ            | 5,169,392          | 12/08/1992          | Ranford et al.      | 604   | 198      |                            |
|                                       | AKK            | 5,176,643          | 01/05/1993          | Kramer et al.       | 604   | 135      |                            |
|                                       | ALL            | 5,201,708          | 04/13/1993          | Martin              | 604   | 110      |                            |
| · · · · · · · · · · · · · · · · · · · | AMM            | 5,256,153          | 10/26/1993          | Hake                | 604   | 198      |                            |
|                                       | ANN            | 5,267,976          | 12/07/1993          | Guerineau et al.    | 604   | 198      |                            |
|                                       | AOO            | 5,271,744          | 12/21/1993          | Kramer et al.       | 604   | 51       |                            |
|                                       | APP            | 5,279,584          | 01/18/1994          | Dillard, III et al. | 604   | 198      |                            |
|                                       | AQQ            | 5,308,332          | 05/03/1994          | Dillard, III et al. | 604   | 110      |                            |
|                                       | ARR            | 5,314,414          | 05/24/1994          | Hake et al.         | 604   | 198      |                            |
|                                       | ASS            | 5,338,310          | 08/16/1994          | Lewandowski         | 604   | 192      |                            |
|                                       | ATT            | 5,342,309          | 08/30/1994          | Hausser             | 604   | 110      |                            |
|                                       | AUU            | 5,342,320          | 08/30/1994          | Cameron             | 604   | 192      |                            |
|                                       | AVV            | 5,376,080          | 12/27/1994          | Petrussa            | 604   | 198      |                            |
|                                       | AWW            | 5,382,241          | 01/17/1995          | Choudhury et al.    | 604   | 192      |                            |
|                                       | AXX            | 5,385,555          | 01/31/1995          | Hausser             | 604   | 192      |                            |
|                                       | AYY            | 5,429,612          | 07/04/1995          | Berthier            | 604   | 198      |                            |
|                                       |                | 5,494,536          | 02/20/1996          | Maseia              | 601   | 197      |                            |
|                                       | <u> </u>       | 5,531,706          | 07/02/1996          | du la Fuente        | 604   | 198      |                            |
|                                       | ABBB           | 5,562,624          | 10/08/1996          | Righi et al.        | 604   | 110      |                            |

| Examiner Signature               | Date Considered   |
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|                                  | not in conformance and not considered. Include copy of this form with |
| next communication to applicant. | Substitute Disclosure Form (PTO-1449)                                 |

Sheet <u>3</u> of <u>4</u>

| Substitute Form PTO-1449<br>(Modified)              | U.S. Department of Commerce<br>Patent and Trademark Office | Attorney's Docket No.<br>06275-283US1 | Application No.<br>09/936,859 |
|---|--|---------------------------------------|-------------------------------|
| 1   | Information Disclosure Statement by Applicant              |                                       |                               |
| (Use several sheets if necessary) (37 CFR §1.98(b)) |  | Filing Date<br>November 15, 2001      | Group Art Unit<br>3763        |

| U.S. Patent Documents |              |                    |                     |                    |       |          |                            |
|-----------------------|--------------|--------------------|---------------------|--------------------|-------|----------|----------------------------|
| Examiner Initial      | Desig.<br>ID | Document<br>Number | Publication<br>Date | Patentee           | Class | Subclass | Filing Date If Appropriate |
|                       | ACCC         | 5,562,626          | 10/08/1996          | Sampietro          | 604   | 110      |                            |
|                       | CCCA         | 5,573,514          | 11/12/1996          | Stiehl et al.      | 604   | 198      |                            |
|                       | AEEE         | 5,601,535          | 02/11/1997          | Byrne et al.       | 604   | 198      |                            |
|                       | AFFF         | 5,647,849          | 07/15/1997          | Kalin              | 604   | 111      |                            |
| -                     | AGGG         | 5,658,254          | 08/19/1997          | Reichenbach et al. | 604   | 192      |                            |
|                       | АННН         | 5,658,259          | 08/19/1997          | Pearson et al.     | 604   | 232      |                            |
|                       | AIII         | 5,674,203          | 10/07/1997          | Lewandowski        | 604   | 197      |                            |
|                       | AJJJ         | 5,695,474          | 12/09/1997          | Daugherty          | 604   | 162      |                            |
|                       | AKKK         | 5,697,908          | 12/16/1997          | Imbert et al.      | 604   | 110      |                            |
|                       | ALLL         | 5,700,246          | 12/23/1997          | Stiehl et al.      | 604   | 198      |                            |
| •                     | AMMM         | 5,713,871          | 02/03/1998          | Stock              | 604   | 192      |                            |
|                       | ANNN         | 5,733,264          | 03/31/1998          | Flowers            | 604   | 198      |                            |
|                       | A000         | 5,735,823          | 04/07/1998          | Berger             | 604   | 192      |                            |
|                       | APPP         | 5,811,061          | 09/22/1998          | Martinson et al.   | 122   | 102      |                            |
|                       | AQQQ         | 5,817,064          | 10/06/1998          | DeMarco et al.     | 604   | 198      |                            |
|                       | ARRR         | 5,843,041          | 12/01/1998          | Hake et al.        | 604   | 198      |                            |
| •                     | ASSS         | 5,855,839          | 01/05/1999          | Brunel             | 264   | 524      |                            |
|                       | ATTT         | 5,947,933          | 09/07/1999          | Reichenbach et al. | 604   | 198      |                            |
|                       | AUUU         | 5,968,019          | 10/19/1999          | Lee                | 604   | 195      |                            |
|                       | AVVV         | 6,004,296          | 12/21/1999          | Jansen et al.      | 604   | 198      |                            |
|                       | AWWW         | 6,186,980 B1       | 02/13/2001          | Brunel             | 604   | 110      |                            |
|                       | AXXX         | 6,210,374 B1       | 04/03/2001          | Malencheck         | 604   | 192      |                            |
|                       | AYYY         | 6,213,977 B1       | 04/10/2001          | Hjertman et al.    | 604   | 117      |                            |
|                       | AZZZ         | 6,217,559          | 04/17/2001          | Foster             | 604   | 195      |                            |
|                       | AAAAA        | DES. 418,222       | 12/28/1999          | Pellow             | D24   | 130      |                            |
|                       | ABBBB        |                    |                     |                    |       |          |                            |
|                       | ACCCC        |                    |                     |                    |       |          |                            |

| Examiner Signature  | Date Considered   |
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| Substitute Form PTO-1448 |  | Sheet 4 of 4                          |                            |  |
|--------------------------|--|---------------------------------------|----------------------------|--|
| (Modified)               | U.S. Department of Commerce<br>Patent and Trademark Office | Attorney's Docket No.<br>06275-283US1 | Application No. 09/936,859 |  |
| by A                     | closure Statement<br>pplicant<br>neets if necessary)       | Applicant Derek Shaw et al.           |                            |  |
| MT OFO 84 AAR 11         |  | Filing Date November 15, 2001         | Group Art Unit<br>3763     |  |

|                     | <u>Foreig</u> | n Patent Do        | cuments or F        | Published Foreign        | Detant | A 12           |          |         |
|---------------------|---------------|--------------------|---------------------|--------------------------|--------|----------------|----------|---------|
| Examiner<br>Initial | Desig.<br>ID  | Number             | Publication<br>Date | Country or Patent Office | Class  |                | Tran     | station |
|                     | ADDDD         | DE 19755125<br>Al  | 06/24/1999          | Germany                  | 5      | Subclass<br>32 | Yes      | No      |
|                     | AEREE         | 0 307 367 B1       | 06/17/1992          | Europe                   | 5      | 315            |          |         |
| <del></del>         | AFFFF         | 0 405 039          | 01/02/1991          | Europe                   | 5      | 32             | <u> </u> |         |
|                     | AGGGG         |                    | 09/27/1994          | Europe                   | 5      | 32             |          |         |
|                     | АННІН         | EP 0 966 983<br>A1 | 12/29/1999          | Europe                   | 5      | 32             |          |         |
|                     | AIII          | FR 2 648 716       | 12/27/1990          | France                   | 5      | 50             |          |         |
|                     | IIILA         | GB 2 202 747<br>A  | 10/05/1988          | Great Britain            | 5      | 32             |          |         |
|                     | AKKKK         | WO 93/00949        | 01/21/1993          | WIPO                     | 5      | 32             | —→       |         |
|                     | ALLLL         | WO 98/35714        | 08/20/1998          | WIPO                     | 5      | 32             |          |         |
|                     | AMMMM         | WO 99/25402        | 05/27/1999          | WIPO                     | 5      | 46             |          |         |
|                     | ANNNN         | WO 00/33900        | 06/15/2000          | WIPO                     | 5      | 32             | -+       |         |
|                     | A0000         |                    |                     |                          | +      | 32             | ↓        |         |

|         |       | ocuments (include Author, Title, Date, and Place of Publication) |
|---------|-------|--|
| Initial | ID    | Document   |
|         | APPPP | Copy of IPEA Report for PCT/GB01/00590                           |
|         | AQQQQ |  |
|         | ARRRR |  |
|         | ASSSS |  |

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